

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220			
005363-3249	ACTION		as, where applicable, item 5 below.			
International application No.	International filing date (day/mon	th/year)	(Earliest) Priority Date (day/month/year)			
PCT/US2005/007651	10/03/2009	5	10/03/2004			
Applicant				-		
TRUSTEES PG TUFTS COLLEGE	TUFTS UNIVERSITY			AN A		
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This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Se ansmitted to the International Bure	arching Auth tu.	nority and is transmitted to the applicant	AVAII-ABLE		
This International Search Report consists	of a total ofs	neets.		त्रि		
X It is also accompanied by	a copy of each prior art document	cited in this	report.	8		
Basis of the report a. With regard to the language, the language in which it was filed, unl	international search was carried or ess otherwise indicated under this	it on the bas item.	sis of the international application in the)PY		
The international this Authority (Ru		s of a transl	ation of the international application furni	shed to		
b. With regard to any nucleo	b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.					
2. Certain claims were fou	nd unsearchable (See Box II).					
3. Unity of invention is lac	king (see Box III).					
4. With regard to the title,						
the text is approved as su	bmitted by the applicant.					
<u> </u>	hed by this Authority to read as fol					
SYNERGISTIC EFFECT OF COMPOSITIONS COMPRISING CAROTENOIDS SELECTED FROM LUTEIN, BETA-CAROTENE AND LYCOPENE						
5. With regard to the abstract,						
X the text is approved as su	ibmitted by the applicant.					
the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.						
may, within one month in	on the date of maining of this inter-	auonai seai	on report, addition dominante to ano reads	···· , ·		
6. With regard to the drawings ,						
a. the figure of the drawings to be published with the abstract is Figure No						
as suggested by the applicant.						
as selected by this Authority, because the applicant failed to suggest a figure.						
as selected by this Authority, because this figure better characterizes the invention. b. X none of the figures is to be published with the abstract.						
J. Line of the lightest to to						

INTERNATIONAL SEARCH REPORT

International Application No PCT/US2005/007651

A61P43/00

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K31/01 A61K31/015

A61K31/07 A23L1/30

A61P39/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61L A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, EMBASE, BIOSIS, MEDLINE, PAJ

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	WO 2005/027950 A (RAY AND TERRY'S HEALTH PRODUCTS, INC; GROSSMAN, TERRY; KURZWEIL, RAYMO) 31 March 2005 (2005-03-31) page P, lines 21-30; claim 1	1,3-8, 13-16, 19,20
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X .	EP 0 981 969 A (BASF AKTIENGESELLSCHAFT) 1 March 2000 (2000-03-01) claims	1-6
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X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.				
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family 				
Date of the actual completion of the international search	Date of mailing of the international search report				
20 May 2005	31/05/2005				
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,	Authorized officer				
Fax: (+31-70) 340-3016	Herrera, S				

2

INTERNATIONAL SEARCH REPORT

International Application No
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C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	I Delevente del de			
Jaiegoly .	oration of document, with indication, where appropriate, or the relevant passages	Relevant to claim No.			
X	STAHL W ET AL: "Carotenoid mixtures protect multilamellar liposomes against oxidative damage: Synergistic effects of lycopene and lutein" FEBS LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 427, no. 2, 8 May 1998 (1998-05-08), pages 305-308, XP002082207 ISSN: 0014-5793 page 307, left-hand column, line 14 - right-hand column, line 9	1-20			
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